

Project Proposal

Proposal Title: Jackson Bottom Tamarisk Removal

Proposal Number: 1418

DWR Region: Southeastern Region

Lead Agency: Other

County: Grand

Project Manager: Tim Higgs

PM Phone: 4356133717

Regional Priority: Within Focus Area

Project Type: Terrestrial Habitat

Proposed Start Date: 10/01/2009

Project Location: The project is located adjacent to the Colorado River (west side) near the Potash Plant.

Project Description: Tamarisk will be removed on 65 acres by prescribed burning and piling followed by seeding and planting.

Description of Problem/Need: In 2004, the Grand County Weed Department released the tamarisk beetle (*Diorhabda elongate*) to control tamarisk throughout Grand County, with additional releases in 2005-2007. Since then monitoring has been conducted to document the progress of the beetle. In areas where the tamarisk has completely died out, it is paramount that restoration/re-vegetation efforts be conducted in a timely manner to reduce the risk of invasion of undesirable vegetative species

Objectives: The objective of this project is to restore/re-vegetate the said areas to a condition similar to that prior to the tamarisk invasion using a native and desirable introduced seed mix along with pole plantings of willows and cottonwoods.

Relevance to Strategic Plans: Project is within WAP Lowland Riparian and Wetland habitat. The proposed project is a follow-up treatment for the efforts from the Grand County Weed Department in tamarisk eradication. Previous efforts had been partially funded through a Congressional Earmark from Senator Bennett, with funds being administered by the NRCS.

Potential Risks: The failure to implement the project could allow for other invasive/noxious weeds to colonize the area.

Proposed Methods: The first step of the restoration is going to be a prescribed burn conducted by FFSL. It is anticipated this will occur in the fall of 2009. Following the burning different alternatives have been envisioned given the post fire conditions; it is anticipated that there will not be a 100% burn of the tamarisk leaving some residual material (snags and stumps). If this is the case it is anticipated that Moab Salt, using a D9 Cat will go in and clear the residual material off the ground surface to prepare for seeding. Given the conditions are good enough a rangeland drill would be pulled behind the Cat. If the conditions are not good enough for the rangeland drill, the seed will be broadcast and dribbled on Cat tracks and have a chain pulled behind to cover seed. Following the clean up efforts, Plateau Restoration out of Moab, Utah will utilize their equipment and staff/volunteers to implement the restoration/re-vegetation efforts for creating islands of shrubs planted using seedlings. Three years of pest management have been included in the plan to address invasive weeds that may colonize the site following restoration/re-vegetation. Grand County Weed Department, FFSL and Plateau Restoration will do follow-up management to ensure the area does not become invaded by noxious weeds.

Shapefile Name: HPD 2010\GIS Shape Files - Proposals\SER\1418.shp

Seed Source: GBRC

UPCD Reg Team Coord Date: 01/20/2009

Proposed NEPA Action:

Proposed Arch Action:

☒ **Vegetation Monitoring** ☐ **Wildlife Monitoring**

Monitoring Information: Monitoring will be conducted by the NRCS as well as in conjunction with the monitoring being conducted for the tamarisk beetle.

Grazing Management: There is currently no grazing on project area

SPECIES BENEFITING

Mule Deer	Pronghorn	Bighorn Sheep	Black Bear
Northern River Otter	Bobcat	Southwestern Willow Flycatcher	Bald Eagle
Lucy's Warbler	Yellow-billed Cuckoo	Merriam's Wild Turkey	Colorado Pikeminnow

Monday, December 22, 2008 2:22:37 P

Project Proposal

Bonytail	Humpback Chub	Razorback Sucker	Great Plains Toad
Northern Leopard Frog	Black-necked Garter Snake		

LAND OWNERSHIP

Owner	Acres
Private	65
Total	65

PROPOSED FUNDING

Source	Amount Requested	Date Approved	Amount Approved
DNR Watershed (FY10)	\$44,500.00		\$0.00
Other	\$12,000.00		\$0.00
FFSL	\$2,000.00		\$0.00
Totals	\$58,500.00		\$0.00

PROPOSED BUDGET

Item	Description	DWR Account	In Kind/ Partner Contrib.
Personal Services	FFSL Labor	\$0.00	\$2,000.00
Contractual Services	Plateau restoration volunteers	\$20,000.00	\$12,000.00
Materials and Supplies	Pest management for 3 years	\$19,500.00	\$0.00
Seed (GBRC)	\$77/acres for 65 areas	\$5,000.00	\$0.00
	Totals	\$44,500.00	\$14,000.00

Project Map:

Project Proposal

